## Patent Claims

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- 1. A thread control device for a textile machine, in particular for a shedding device, with at least 5 one thread guide member, (31) which is moveable in one direction of movement by means of a positively designed drive (35) and in the opposite direction movement by means of a nonpositive pneumatically designed return device (36), latter having a cylinder/piston assembly (64, 54), 10 the cylinder chamber (52) of which is connected to a compressed gas source (60) via a valve 56a), characterized in that the valve (56, has a first valve seat (72, 72a) connected to the cylinder chamber (52) and a second valve seat (76, 15 76a) between which a valve member (82, provided with at least one throttle point (80, 80a) is moveable, which valve member, in the basic position, is prestressed against the first valve seat (72, 72a) by means of a spring (84, 84a), the 20 throttle point (80, 80a) being inactive and the valve member (82, 82a) shutting off communication with the compressed gas source (60) when the valve member (82, 82a) is against the second valve seat 25 (76, 76a).
  - 2. The thread control device as claimed in claim 1, characterized in that the valve has a housing (70), at one end of which the first valve seat (72) is formed.
- 3. The thread control device as claimed in claim 2, characterized in that the second valve seat (76) is formed on a closing-off part (74) designed with a passage duct (78).
  - 4. The thread control device as claimed in either one of claims 2 or 3, characterized in that the

housing (70) is designed cylindrically, in which the piston-like valve member (82) is guided, sealed off with respect to the housing wall.

- 5 5. The thread control device as claimed in either one of claims 2 or 3, characterized in that a gap between the valve member (82) and the housing wall of the valve (56) serves as a throttle point.
- 10 6. The thread control device as claimed in one of claims 1 to 5, characterized in that the valve (56, 56a) is arranged in the cylinder chamber (52).
- 15 7. The thread control device as claimed in one of claims 1 to 6, characterized in that the valve (56, 56a) is arranged in the lowermost point of the cylinder (64).
- 20 8. The thread control device as claimed in one of claims 1 to 7, characterized in that the closing-off part (74) of the valve (56) is connected directly to a feed pressure chamber (58).
- 25 9. The thread control device as claimed in claim 8, characterized in that the feed pressure chamber (58) has an oil separation outlet (88) for oil coming from the cylinder chamber (52).
- 30 10. The thread control device as claimed in claim 9, characterized in that the oil separation outlet (88) is arranged on a bottom (86) of the feed pressure chamber (58).
- 35 11. The thread control device as claimed claim 10, characterized in that a connection (90) for compressed air is arranged, at a distance from the

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bottom (86) of the feed pressure chamber (58), on a lateral wall (92) of the feed pressure chamber.

- 12. The thread control device as claimed in one of claims 8 to 11, characterized in that the feed pressure chamber (58) of at least one return device (36) serves as a feed pressure and oil outflow device.
- 10 13. The thread control device as claimed in claim 1, characterized in that a lower portion of the cylinder (64) serves as a valve housing and has a connection (90a) for the compressed gas source (60).
- 14. The thread control device as claimed in claim 13, characterized in that an annular stop (71) is arranged inside the cylinder (64) and is designed as a first valve seat (72a) connected to the cylinder chamber (52).
  - 15. The thread control device as claimed in claim 14, characterized in that the cylinder (64) is closed off by means of the closing-off part (74a), the latter having a sleeve part (96), the free end of which serves as a second valve seat (76a).
- 16. The thread control device as claimed in claim 15, characterized in that an oil separation outlet (88a) is arranged on the closing-off part (74a).
  - 17. The thread control device as claimed in claim 1, characterized in that the switching pressure (PS) of the valve (56, 56a) can be set by a change in the prestressing force of the spring (84, 84a).

- 18. The thread control device as claimed in claim 17, characterized in that the prestressing force of the spring (84, 84a) can be set from outside.
- 5 19. The thread control device as claimed in claim 1, characterized in that the maximum compression pressure (PK) in the cylinder chamber (52) can be set by means of the flow cross section of the throttle point (80, 80a).